

Amendments to the Specification:

Please replace the paragraph beginning at line 1 on page 24 with the following amended paragraph:

for n = 1 to MAXIMUM_LOOKAHEAD {

If, for the upcoming n frames, the currently selected input function F provides the greatest possible total contribution (or if there is a tie between F and another possible input function), then exit this loop and remain committed to F for the duration of the upcoming frame.

Otherwise some other input function G provides the greatest possible contribution for the upcoming n frames.

If G's total contribution minus switch cost C is greater than F's total contribution, then exit this loop and choose G as the new input function (output value).

} ~~{QUESTION: HOW DO YOU DETERMINE SWITCH COST}~~

If MAXIMUM_LOOKAHEAD was reached in the above process (the loop ran to completion), remain committed to F for the duration of the upcoming frame.